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Otis Historical Archives

OHA 293.05 Russell Collection

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Biographical Note: Brigadier General Frederick Fuller Russell (1870, Auburn, New York, USA – December 29, 1960) was a U.S. Army physician who developed a typhoid vaccine in 1909. In 1911, a typhoid vaccination program was carried out to have the entire U.S. Army immunized. The 1911 measure eliminated typhoid as a significant cause of morbidity and mortality among U.S. military personnel. From a morbidity of 173 cases in 1910, Russell was able to reduce the total to nine cases in 1912 with only one death. During his career he served as curator of the Army Medical Museum, instructor in the Army Medical School, and professor of pathology and bacteriology at George Washington University. In addition, he served on various investigating boards, one of which he was able to advise and offer technical counsel to Major Carl Darnall in the development of a water filter for field use and the first water chlorinator using gaseous chlorine.

After his resignation from the Army in 1921, Russell returned to the rolls as a reserve officer and in November 1920 was appointed Brigadier General of the Medical Officers Reserve Corps. Following his military career he served as the director of the International Health Board of the Rockefeller Foundation. As director, Russell continued his research into public health focusing on diseases such as yellow fever. In 1935 he was awarded the Public Welfare Medal from the National Academy of Sciences. He spent the final years (1936–39) of his career in medical science and administration as professor of epidemiology and preventive medicine at Harvard Medical School and Harvard School of Public Health.

Series/Scope and Content Note: This collection includes articles written about Russell, articles by Russell, various articles written by contemporaries, memorabilia, awards, honors, presentations and obituary material. The materials are organized by type.



BOX AND CONTENT LIST

00001: Articles About Russell

- "Honorary Medical Society, George Washington University School of Medicine." *Medical Annals of the District of Columbia*, Volume II, Number 1, January 1933. (Whole issue)
- Means, James H. "Frederick Fuller Russell, M.D., Sc.D.," *Harvard Medical Alumni Bulletin* (June, 1940) on the presentation of the Kober Medal of the Association of American Physicians to F.F. Russell. (2 copies) (Whole issue)
- "The Gorgas Medal Presented," *The War Doctor* 1:10 (July 1942). The Gorgas medal was established in 1942 by pharmaceutical company John Wyeth and Brother for work in preventive medicine and awarded by the Association of Military Surgeons. Russell was one of the first three honorees with Brigadier General Jefferson Randolph Kean and Rear Admiral Edward Rhodes Stitt. (Whole issue) See also Awards.

00002: Articles by Russell

- "A Study of Bacillus Resembling the Bacillus of Shiga, from a Case of Fatal Diarrhea in a Child; with Remarks on the Recognition of Dysentery, Typhoid, and Allied Bacilli," *The Medical News*, February 14, 1903. (Reprint)
- "Studies on the Specificity of Opsonins in Normal and Immune Serum," *The Johns Hopkins Medical Bulletin*, Volume XVIII, Nos. 195-196, June-July, 1907
- "The Comparative Morphology of the Spirochetes of Syphilis and Yaws (Framboesia Tropica)," *The Archives of Internal Medicine*, August 1908. (Reprint)
- "The Isolation of Typhoid Bacilli from Urine and Feces with the Description of a New Double Sugar Tube Medium," *The Journal of Medical Research*, Vol XXV, No. 1, Sept. 1911. (Reprint)
- "Some Results and Fields of Usefulness of Antityphoid Vaccination," *The Journal of the American Medical Association*, Vol. LIX, October 12, 1912. (Reprint)
- "The Results Obtained with Anti-Typhoid Vaccine in the Army to the End of 1911," *New York State Journal of Medicine* (November 1912). (Reprint)
- "Antityphoid Vaccination," *American Journal of the Medical Sciences*, No. 6, Vol. CXLVI, December 1913
- "The Prophylactic Use of Vaccines," Chapter III, May 1924
- "Typhoid Fever, Prophylaxis," Chapter XII, 1924
- "War on Disease with Special Reference to Malaria and Yellow Fever," *Sigma Xi Quarterly*, Vol. XII, No. 1, March 1925. (Reprint)
- "Presentation of the Public Welfare Medal to Dr. Frederick Fuller Russell; Response of the Medallist," *Science* 83: 2160 (May 22, 1936). (Whole issue)
- "The Place of Preventive Medicine in the Medical Curriculum," *Journal of the Association of American Medical Colleges*, January 1939. Reprint (2 copies)
- "Medicine and Public Health in Our Program of National Defense," *The Military Surgeon* 89:4 (October 1941). Reprint (2 copies)
- "Medicine and Public Health in Our Program of National Defense," *National Board of Medical Examiners' The Diplomate* (October 1942)
- "Smallpox and Vaccination," (1942) (Book chapter)
- "The War and Public Health," *New England Journal of Medicine*, August 17, 1944



00003: Other Articles and Memorabilia

- Krumwiede, Charles Jr., and Lawrence A. Kohn. "A Triple-Sugar Modification of the Russell Double-Sugar Medium," *Journal of Medical Research*, Vol. XXXVII, No. 2, November 1917
- Pryor, Captain J.C. "Antityphoid Vaccination in the United States Navy; Experience of 14 Years," *U. S. Naval Medical Bulletin*, Vol. XXVI, No. 1, January 1928
- Johnson, Harald N., M.A., M.D. "The Rabies Control Program of the World Health Organization," reprinted from the Proceedings United States Livestock Sanitary Association, Fifty-fourth Annual Meeting, 1950
- Bean, William B. "Walter Reed 'He Gave to Man Control of that Dreadful Scourge-Yellow Fever.'" Reprinted from the A.M.A. Archives of Internal Medicine, February 1952, Vol. 89, pp. 171-187
- Program for the "Twenty-seventh Annual Convention of the Local Association of the Crusty Pie Eaters, December 7, 1928

00004: Awards, honors and presentations

- Certificate appointing Frederick Fuller Russell to the position of Brigadier General, Medical, November 4, 1921. Signed by President Warren G. Harding
- Correspondence from the Editorial Department of the National Encyclopedia of American Biography, June 22, 1922, informing Dr. Russell that his name has been selected for inclusion in the forthcoming volume
- University of Rochester Ninety-second Annual Commencement Exercises Program, May 11, 1942. Frederick Fuller Russell was awarded an honorary Doctor of Science degree
- University of Louisville Manual of Commencement Exercises, June 22, 1952
- University of Louisville Degree of Doctor of Science, conferred on Frederick Fuller Russell

00005: Miscellaneous Loose Material

- Handwritten parchment certificate of appreciation from the International Health Division of the Rockefeller Foundation, August, 1935, in leather display folder
- Gorgas Medal Certificate, 1942 (oversize in mapcase) (See also article on award)
- Ceremony at Harvard Public Health Alumni Association Twelfth Annual Meeting, October 26, 1949 material:
 - 3 letters of appreciation from the US Army Surgeon General R.W. Bliss, the director of the Rockefeller Foundation International Health Division George K. Strode and the president of Harvard University James B. Conant, October 26, 1949
 - Photograph of ceremony
 - Meeting program (6 copies)
- Certificate "presented by The Faculty of Public Health in recognition of distinguished contributions to the School" of Public Health in Harvard University, May 28, 1958. Signed by John Crayton Snyder, Dean

00006: Obituary material folder:

- Death record photostat
- American College of Surgeons memorial certificate
- *JAMA* obituary page and typewritten copy
- Harvard University's *Frederick Fuller Russell: A Memorial Minute* address typescript



- Printed copy in *Harvard University Gazette*, LVII: 14, December 16, 1961
- Offprint from the *Gazette, Frederick Fuller Russell: Memorial Minute Adopted by the Faculty of Medicine of Harvard University, October 20, 1961*
- "Memoir of Frederick Fuller Russell (1870-1960)", Tom F. Whayne, *Transactions & Studies of the College of Physicians of Philadelphia* 30:1 (July 1962) with handwritten note of transmittal to William Russell from J. Murray Kinsman